Claims

[c1]   What is claimed is:

1.A method of turning on a computer, the method comprising:

providing the computer with a hard disk drive and a switch;

storing a first master boot record (MBR) in a first region of the hard disk drive, the first MBR corresponding to a set of operation systems comprising at least an operation system;

storing a second MBR in a second region of the hard disk drive, the second MBR corresponding to a set of program codes comprising at least a program code;

powering on the computer; and

detecting a status of the switch and executing a program code of the set of program codes if the switch is on a predetermined status, or executing an operation system of the set of operation systems if the switch is not on the predetermined status.

[c2]   2.The method of claim 1 wherein the program code comprises an operation system.

[c3]   3.The method of claim 1 wherein the program code

comprises a drive program.

[c4]   4.The method of claim 1 wherein the first region occu-
pies first 512 bytes of the hard disk drive.

[c5]   5.The method of claim 1 wherein the second region is
located after the first region.

[c6]   6.The method of claim 1 further comprising:
providing the computer with a housing.

[c7]   7.The method of claim 6 further comprising:
installing the switch on a surface of the housing.

[c8]   8.The method of claim 6 further comprising:
installing the switch on a region inside the housing.

[c9]   9.A computer comprising:
a switch;
a first memory stored with a basic input/output system
(BIOS);
a second memory comprising a first region stored with a
first MBR corresponding to a set of operation systems
comprising at least an operation system, and a second
region stored with a second MBR corresponding to a set
of program codes comprising at least a program code;
and
a processor for executing the BIOS and selectively exe-

cuting an operation system of the set of operation systems if the switch is on a predetermined status or a program code of the set of program codes if the switch is not on the predetermined status.

[c10] 10. The computer of claim 9 wherein the first memory is a read only memory (ROM).

[c11] 11. The computer of claim 9 wherein the second memory is a hard disk drive.

[c12] 12. The computer of claim 11 wherein the first region occupies first 512 bytes of the hard disk drive.

[c13] 13. The computer of claim 9 wherein the second region is located after the first region.

[c14] 14. The computer of claim 9 wherein the program code comprises an operation system.

[c15] 15. The computer of claim 9 wherein the program code comprises a drive program.

[c16] 16. The computer of claim 9 further comprising a housing for the switch to be installed inside.

[c17] 17. The computer of claim 9 furthering comprising a housing having a surface for the switch to be installed on.